

Fresenius Kabi is the leader in infusion therapy and clinical nutrition in Europe. Fresenius Kabi is a 100% subsidiary of the health care group Fresenius SE with about 130,000 employees.

Our 'caring for life' claim reflects our strong dedication and efforts to support the treatment and care of patients worldwide. We are committed to focusing on what matters most in health care – improving a patient's quality of life.

In Sweden we are about 900 employees.

Caring for life online: [www.fresenius-kabi.se](http://www.fresenius-kabi.se) or [www.fresenius-kabi.com](http://www.fresenius-kabi.com)

## Internship - Computer aided production optimisation

You are studying mechanical engineering with a minor subject in modelling or computational engineering with focus on production processes and you are interested in simulation and production flow analysis? Do you want to gain first working experience and work for a global company?

We can offer you a 6 month paid internship with a preliminary starting date on the 1st of April, 2013.

### Background and work description

You will work in the Projects & Technology Engineering department, which is located within the production plant in Uppsala. We are 22 employees and work mainly with technical development and project execution.

During your work here you will be responsible to analyse one of our main product flows with help of a simulation tool called Witness. The production facility contains two production lines with intersections to each other: preparation, filling lines for ampoules and vials, sterilisation, inspection and packaging. The project goal is to analyse capacity of our production facility, detect bottle necks and make suggestions for improvement. Further shall the model be used to see the impact of future projects on the production capacity.

Your work will include mapping of the production flow, collecting of necessary data, building a representative model, experimenting, documenting of the model and evaluation of results. You will furthermore gain experience in the requirements of the pharmaceutical industry and get an insight into the daily work of our department.

### We are looking for you who...

- ✂ is a curious and driven student studying computational or mechanical engineering, with interest in simulation and production flow analysis
- ✂ is in the final stages of your studies
- ✂ has good academic records
- ✂ has preferably worked with the simulation tool Witness
- ✂ wants to gain experience in a global company as a supplement to your studies

*Does this sound interesting? If you think your profile fits our requirements, please send in your application incl. CV and your last records. Application deadline is the 28<sup>th</sup> of February, 2013.*

If you have any questions regarding the application, you are welcome to contact Kathrin Theelen, [kathrin.theelen@fresenius-kabi.com](mailto:kathrin.theelen@fresenius-kabi.com), +46 18 - 64 41 72.